

# MULTIMIX

(MOLE Method Compatible Product)



## INCREASED WELLBORE STABILITY AND DELAYED HYDRATION

**Earth Pro MultiMix** is a dry blend of specially engineered synthetic polymers designed to flexibly bond loose ground and improve wellbore stability in difficult drilling situations. It is used to penetrate unconsolidated formations and then fully hydrate to form a sort of polymer glue holding formation in place allowing for drilling to proceed uninhibited.

## FEATURES & BENEFITS

- Maximize stability and usability
- Has delayed hydration characteristics that allow some polymers to penetrate porous or broken formations and hydrate to seal and bond them.
- High viscosity yielding product for hole cleaning

## PHYSICAL PROPERTIES:

Appearance: Yellow and white granules  
Specific Gravity: 2.6

## CHEMICAL PROPERTIES:

Type: Synthetic polymer blend  
Solubility: Partially in water  
pH: 8.0

## MIXING & HANDLING

Fill available tanks with fresh water and apply maximum agitation to allow for quicker dispersion and hydration of initial application.

Slowly add 1 kg **Earth Pro MultiMix** to 1000L of water and allow to hydrate at maximum shear in the tank for 5 mins.

While pumping mixture down, add an additional 2 kg/m<sup>3</sup> as close to the suction point as possible to allow for semi hydrated polymers to reach formation. As the semi hydrated polymers are hydrated in or on the surface of the formation, they will form a securing polymer matrix that will halt further sloughing and collapse.

Regular drilling applications in potential sloughing sand and loose overburden should be met with 2 kg/1000L of water of **Earth Pro MultiMix** mixed and hydrated in the surface tanks like normal drilling polymers.

Regular semi hydrated sweeps of **Earth Pro MultiMix** may also benefit broken ground conditions. Sweep by adding .5 kg of drill **Earth Pro MultiMix** at a point close to the suction in the mud tanks while pumping.

**WHMIS:** Not controlled | **TDG:** Not regulated | **Packaging:** 20L pail